

ABSTRACT OF THE DISCLOSURE

The present invention relates to a process to treat banana plants against disease wherein a polyene antibiotic is applied on the plant. In particular a process is described to protect banana crops from the devastating Sigatoka and Panama diseases. To that effect, banana plants are treated with a preparation comprising an amount of a polyene antibiotic effective to prevent or inhibit mould growth, especially *M. fijensis* and *Fusarium oxysporum* f sp. *cubense*.